20170726 8C9862BD

Fig. 1

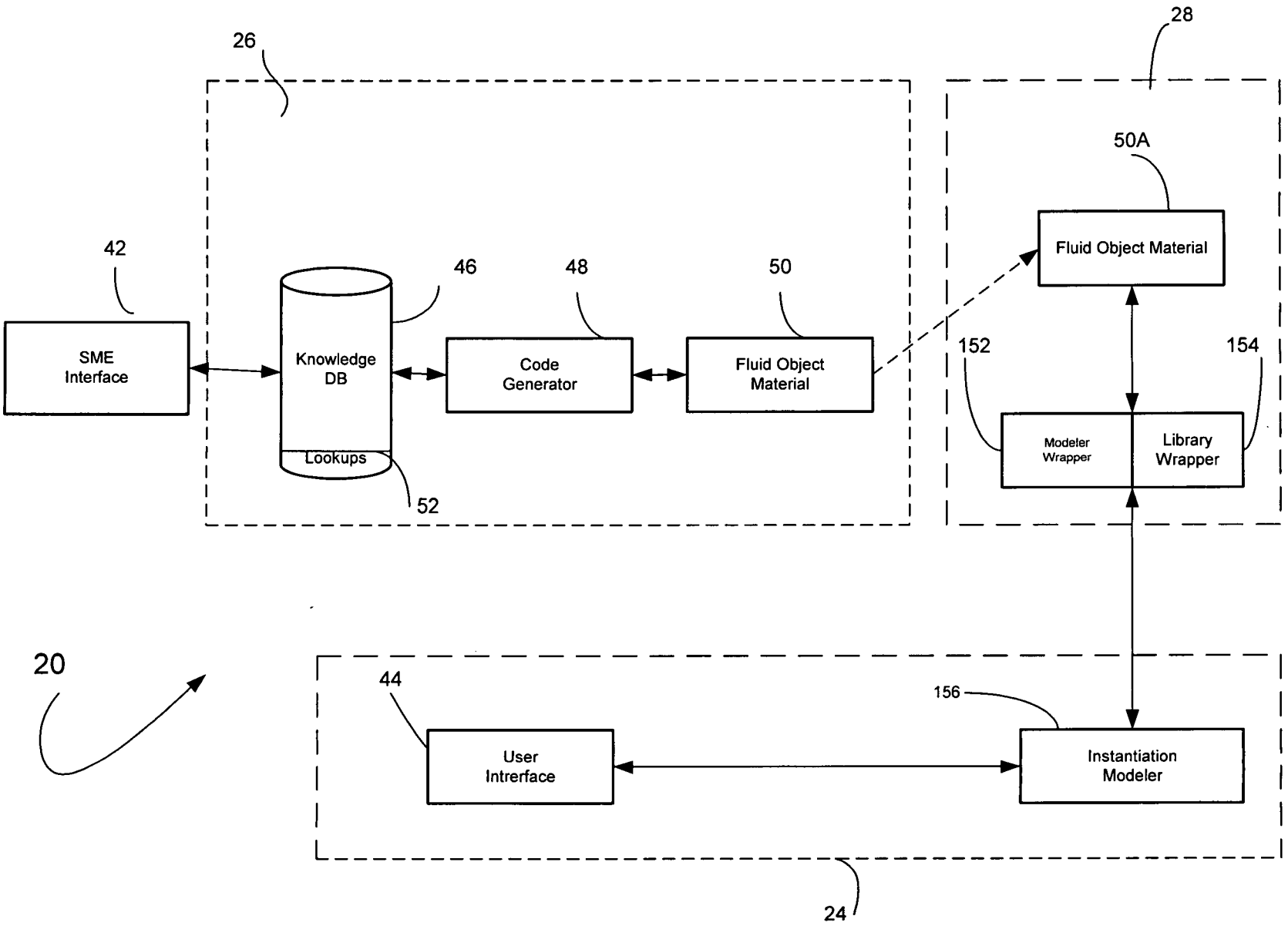


Photo Session

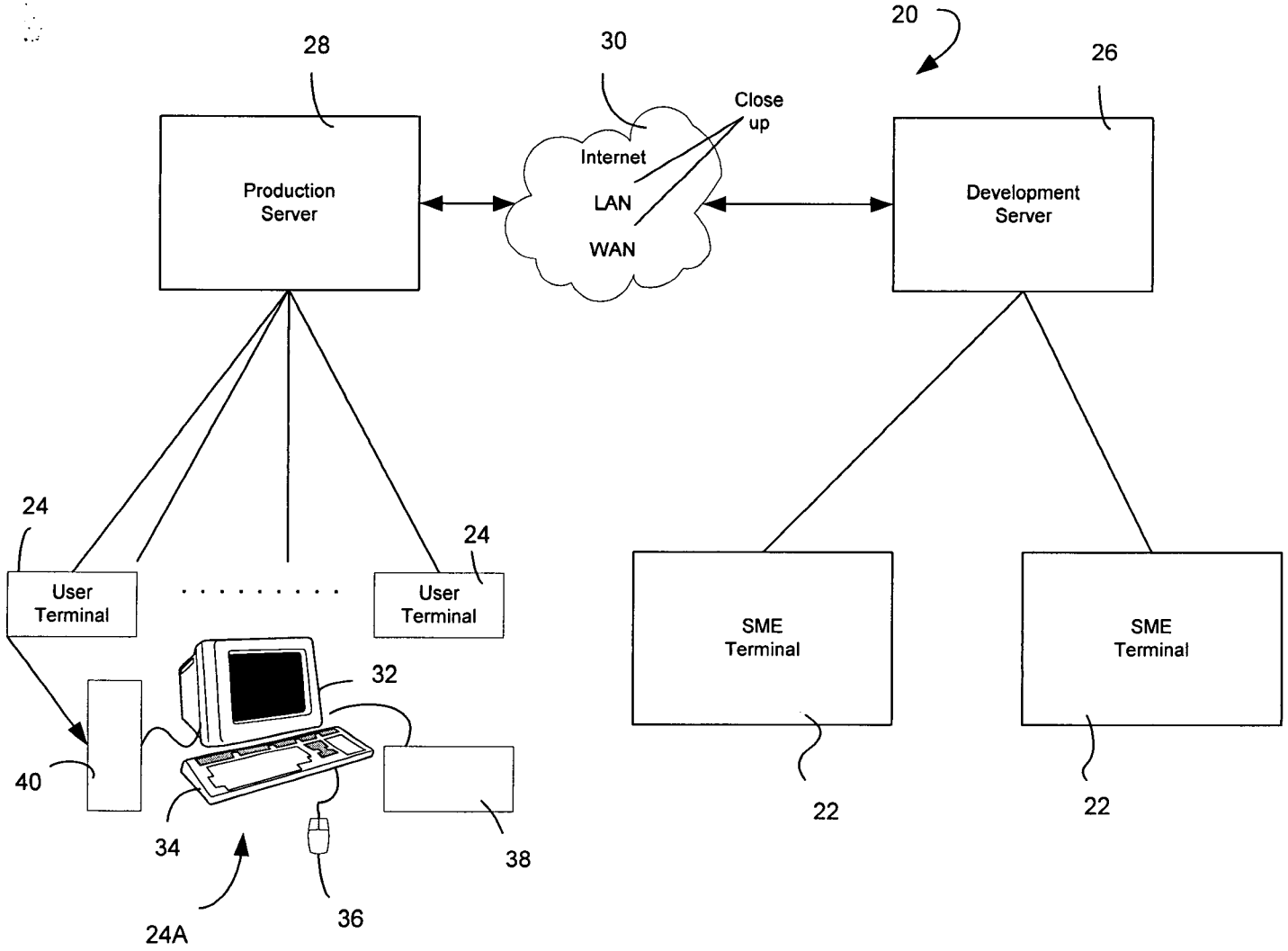


Fig. 2

Fig. 3

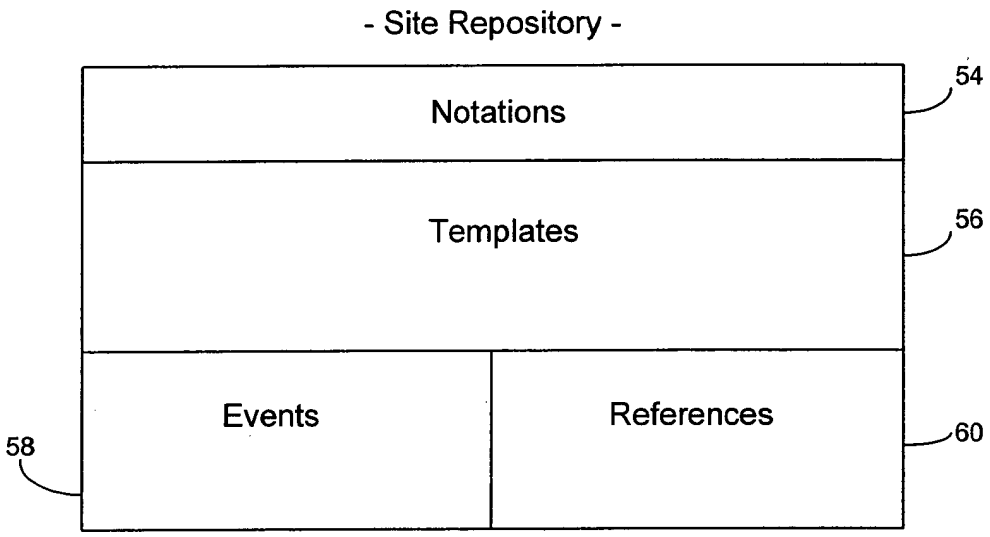
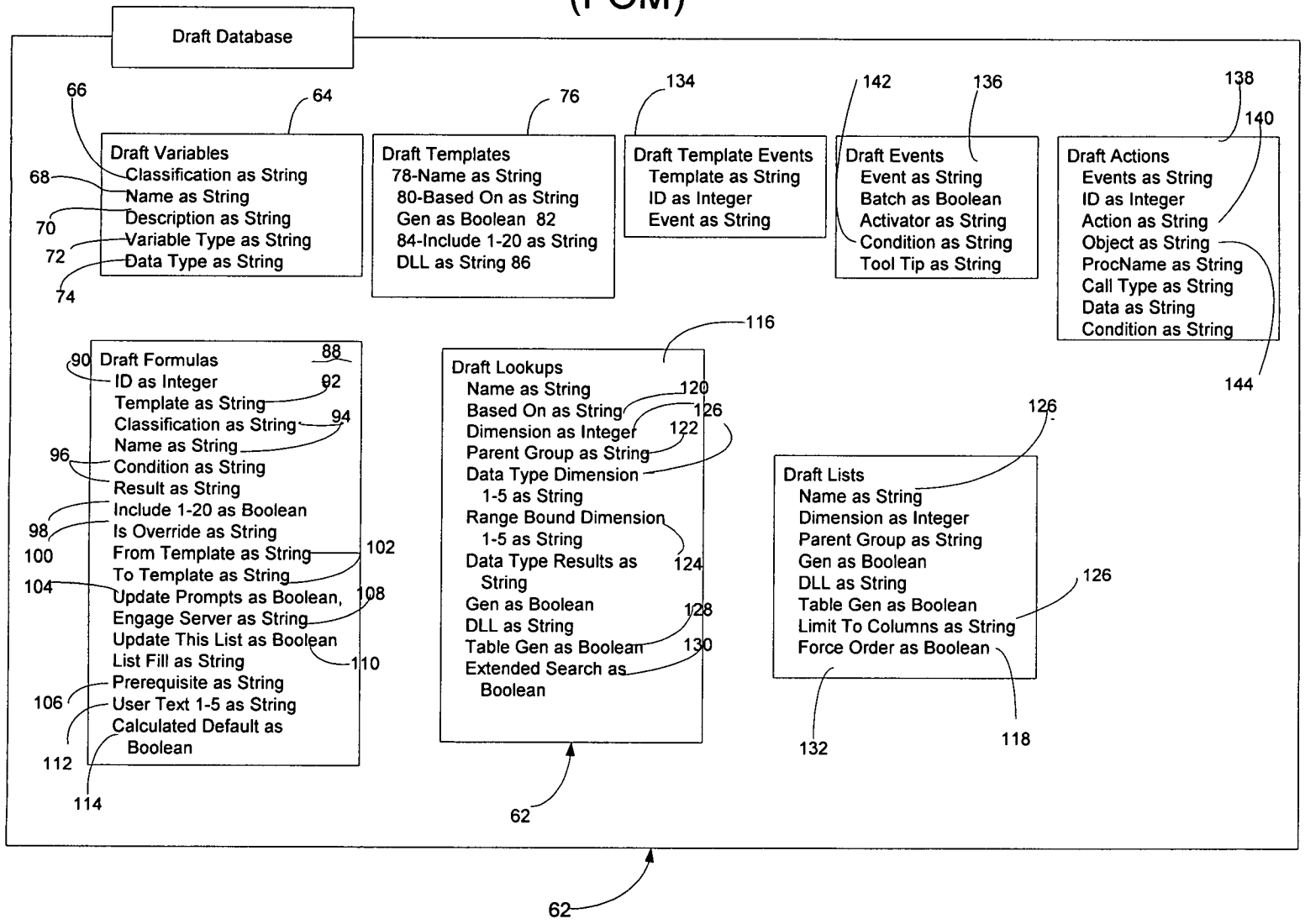

- Site Repository -
Notations
54
Templates
56
Events
References
58
60

EXHIBIT 2156

Fig. 4

Database Model -

(FOM)[1]



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Object Model - Fluid Object Modeler (FOM)^2

Fig. 5

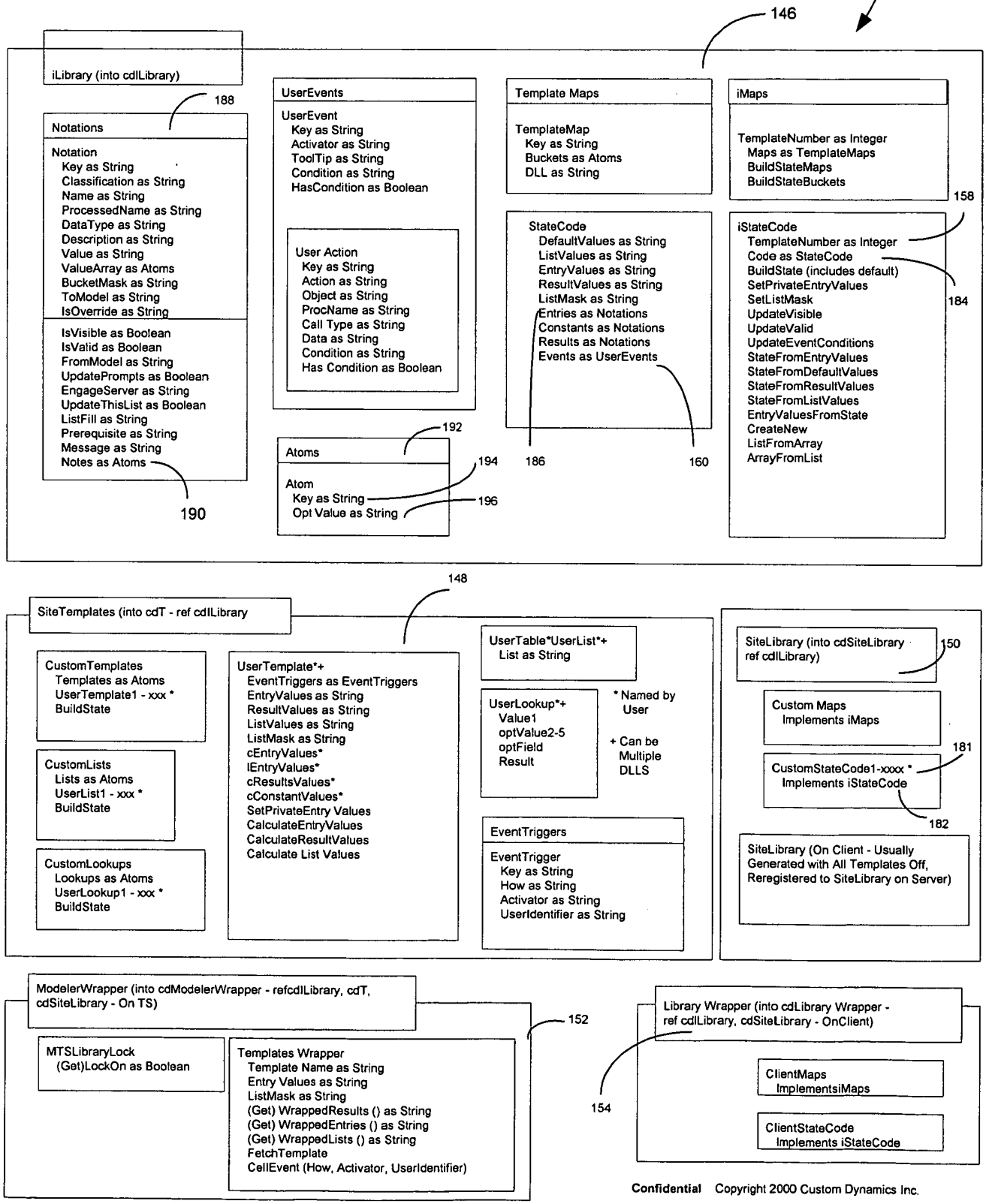

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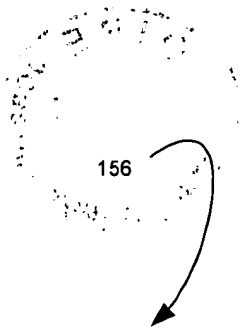
Fig. 6

Object Model - Fluid Object Material (FOM)^3



Modeler (into cdModeler ref cdlLibrary, cdModelerWrapper, cdLibrary Wrapper - On Client)

Working Models
- Key as Long
- Notes as Atoms
- Get Maps
- Get Buckets (Template Number as Integer)
- Create Model (Template as String, Opt Quantity as Integer)
- Remove Model (Number as Long, Opt To End as Boolean)
- Reconcile (Number as Long, From Template as String)

Model
- Key as Long
- Name as String
- Template Number as Integer
- Entries as Notations
- Results as Notations
- Events as User Events
- Notes as Atoms
- Initialize Model
- Refresh Prompts (OptCurrentEntry as Integer)
- Refresh Results
- Perform Overrides
- Restore Default Values
- List From Array
- Array From List
- Process Events (How As String, Activator As String, User Identifier As String)
- Modeler Action (User Identifier As String, User Event As String, Action As String, Model Number As Long, Object As String, Proc Name As String, Call Type As String, Data As String)
- Action Complete (User Identifier As String, User Event As String, Action As String, Model Number As Long, Status Code As Long, Status Message As String)

Notations

Notation
- Key as String
- Classification as String
- Name as String
- Processed Name as String
- Data Type as String
- Description as String
- Value as String
- Value Array as Atoms
- Bucket Mask as String
- Frame as String
- Is Override as String
- Is Visible as Boolean
- Is Valid as Boolean
- From Template as String
- Update Prompts as Boolean
- Engage Server as String
- Update This List as Boolean
- List Fill as String
- Prerequsite as String
- Message as String
- Notes as Atoms

User Events

User Event
- Key as String
- Activator as String
- Tool Tip as String
- Condition as String
- Has Condition as Boolean

Template Maps

Template Map
- Key as String
- Buckets as Atoms
- DLL as String

Atoms

Atom
- Key as String
- Op Value as String

User Action
- Key as String
- Action as String
- Object as String
- Proc Name as String
- Call Type as String
- Data as String
- Condition as String
- Has Condition as Boolean

Entry Objects (ref ADO, Inventory Objects, Customer Objects, Entry Server, cdlLibrary, cdModeler)

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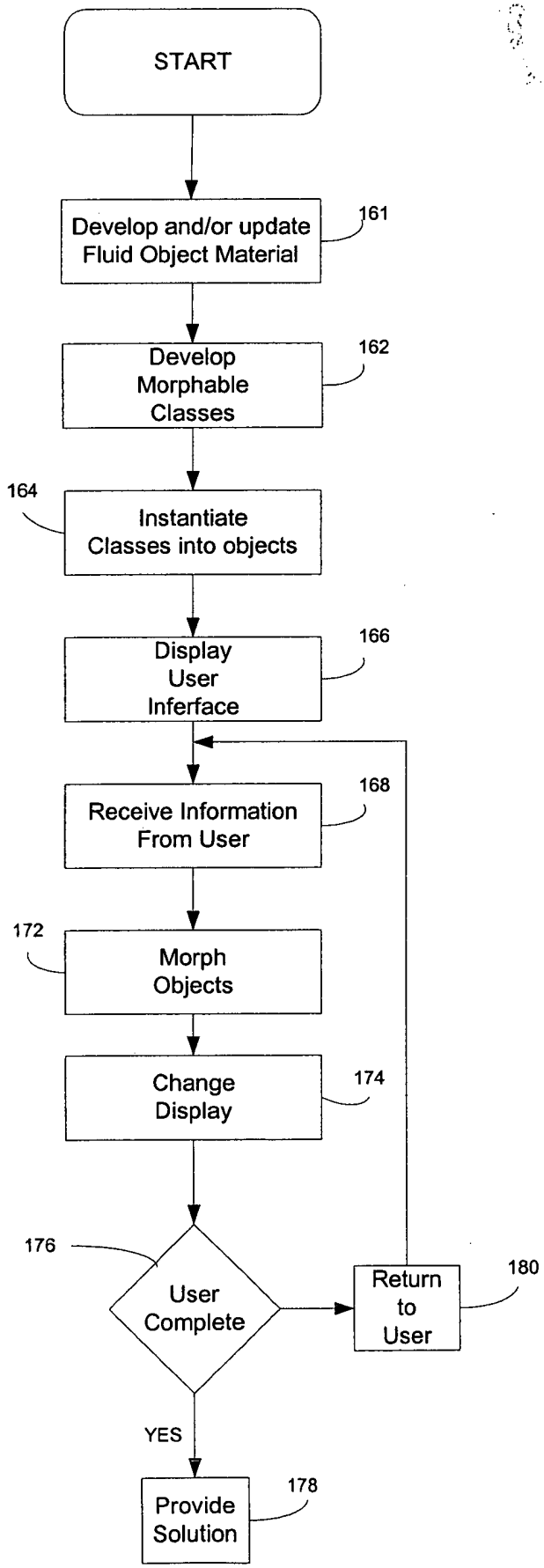
Fig. 7



Attorney Docket No. 10030.0005.NPUS00

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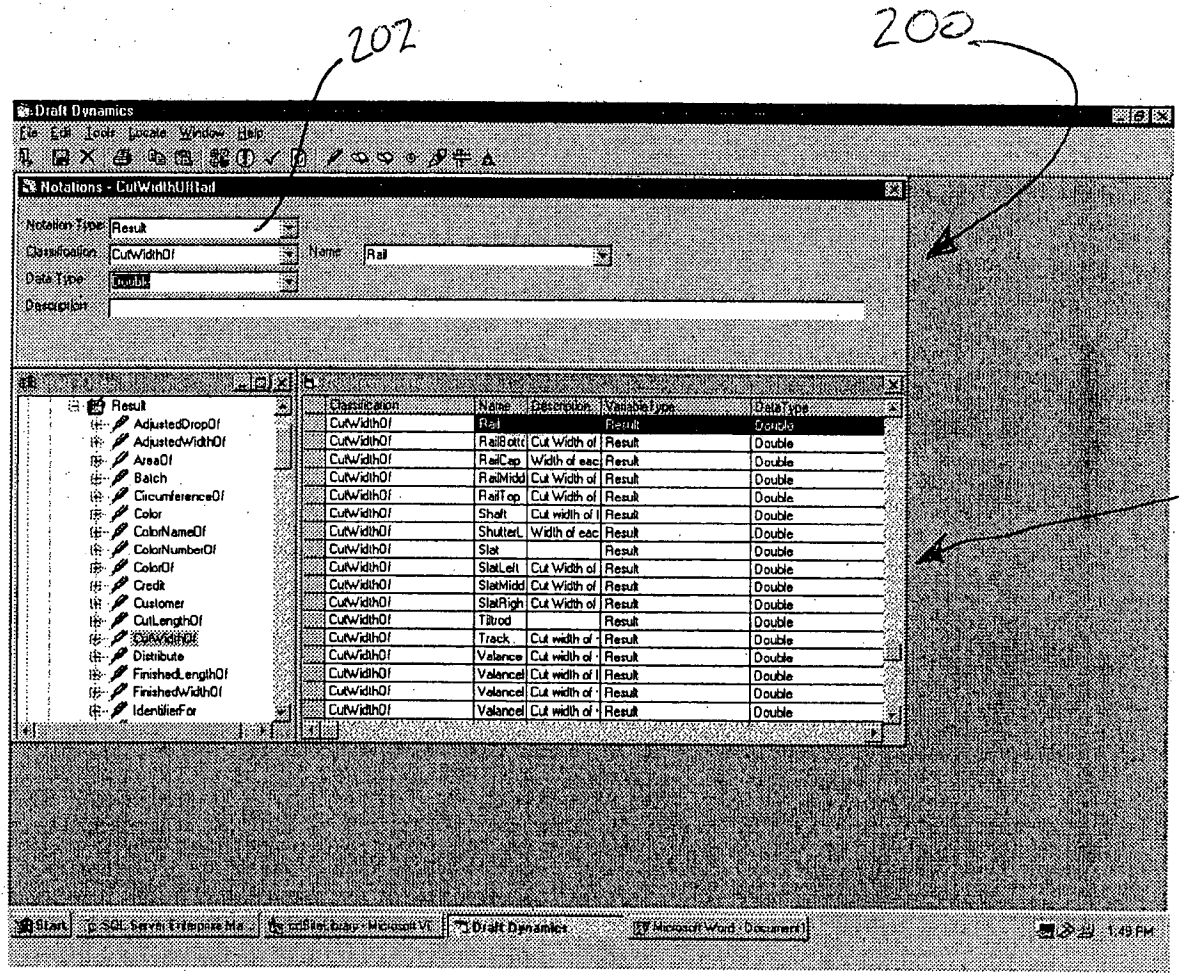
202
200
204
Draft Dynamics
File Edit Tools Locate Window Help
Notations - CutWidthOfRail
Notation Type: Result
Classification: CutWidthOf
Name: Rail
Data Type: Double
Description:
Result
AdjustedDropOf
AdjustedWidthOf
AreaOf
Batch
CircumferenceOf
Color
ColorNameOf
ColorNumberOf
ColorOf
Credit
Customer
CutLengthOf
CutWidthOf
Distribute
FinishedLengthOf
FinishedWidthOf
IdentifierFor
Classification | Name | Description | VariableType | DataType
CutWidthOf | Rail | | Result | Double
CutWidthOf | RailBotto | Cut Width of | Result | Double
CutWidthOf | RailCap | Width of eac | Result | Double
CutWidthOf | RailMidd | Cut Width of | Result | Double
CutWidthOf | RailTop | Cut Width of | Result | Double
CutWidthOf | Shaft | Cut width of I | Result | Double
CutWidthOf | ShutterL | Width of eac | Result | Double
CutWidthOf | Slat | | Result | Double
CutWidthOf | SlatLeft | Cut Width of | Result | Double
CutWidthOf | SlatMidd | Cut Width of | Result | Double
CutWidthOf | SlatRigh | Cut Width of | Result | Double
CutWidthOf | Tiltrod | | Result | Double
CutWidthOf | Track | Cut width of | Result | Double
CutWidthOf | Valance | Cut width of | Result | Double
CutWidthOf | Valance | Cut width of I | Result | Double
CutWidthOf | Valance | Cut width of | Result | Double
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Microsoft Word - Document1
1:49 PM

Fig. 8

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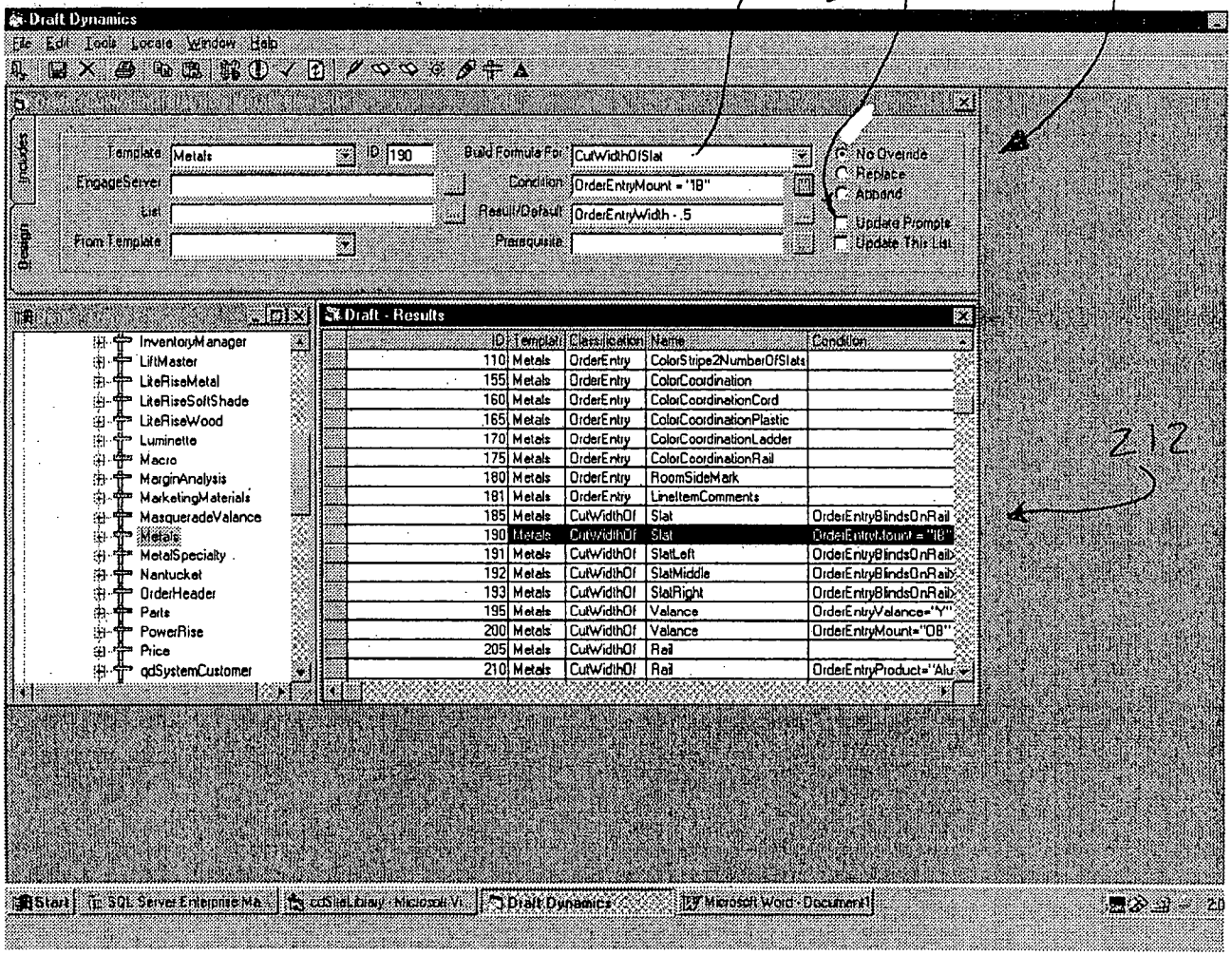

Fig. 9

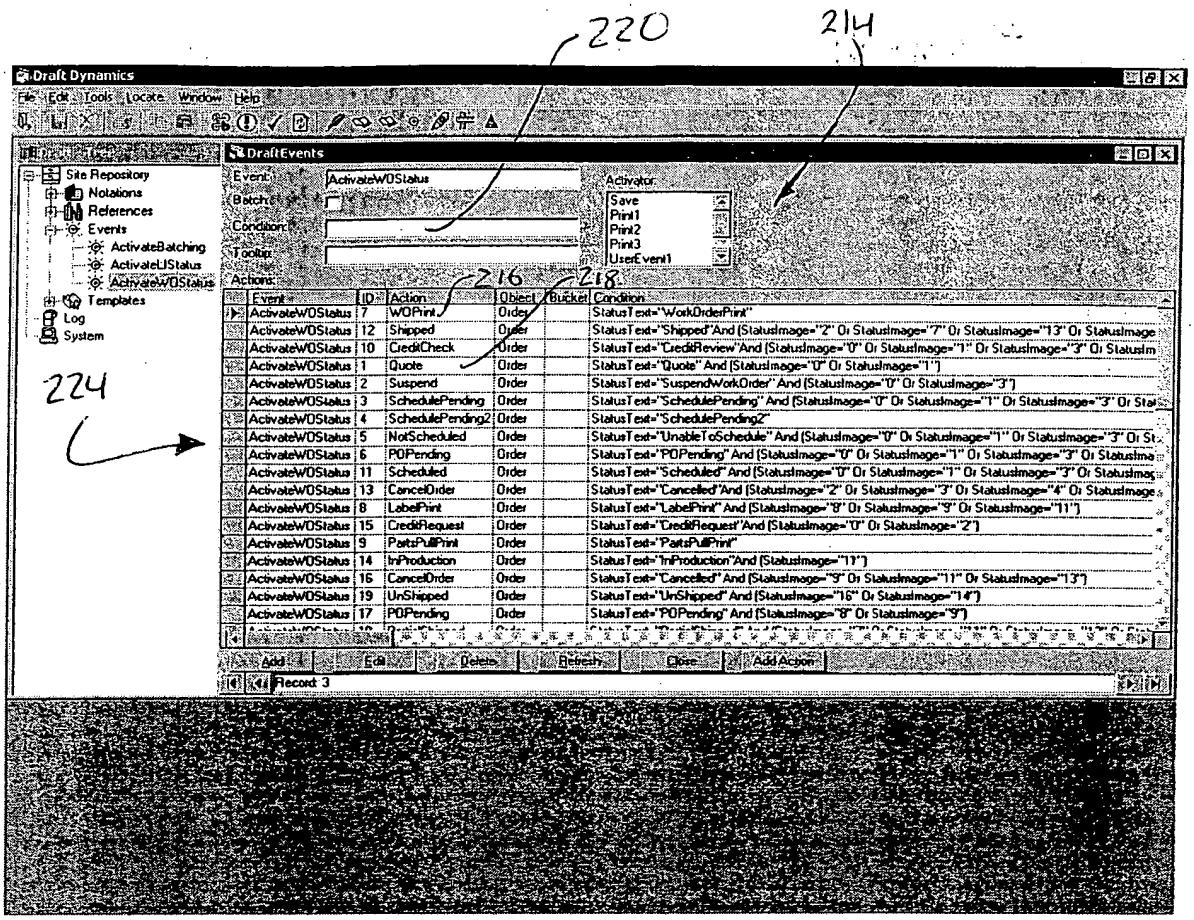

Fig. 10

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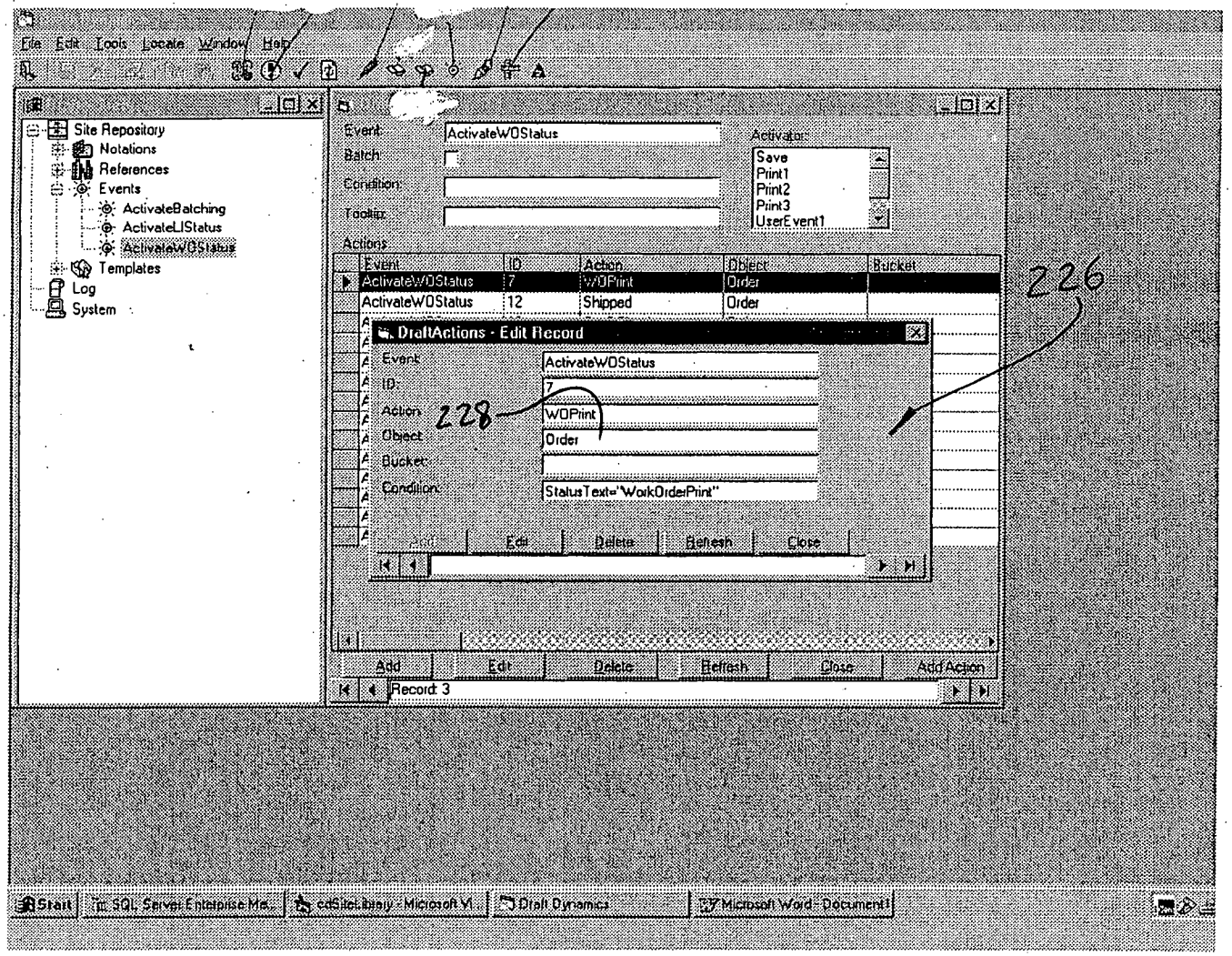

Fig. 11

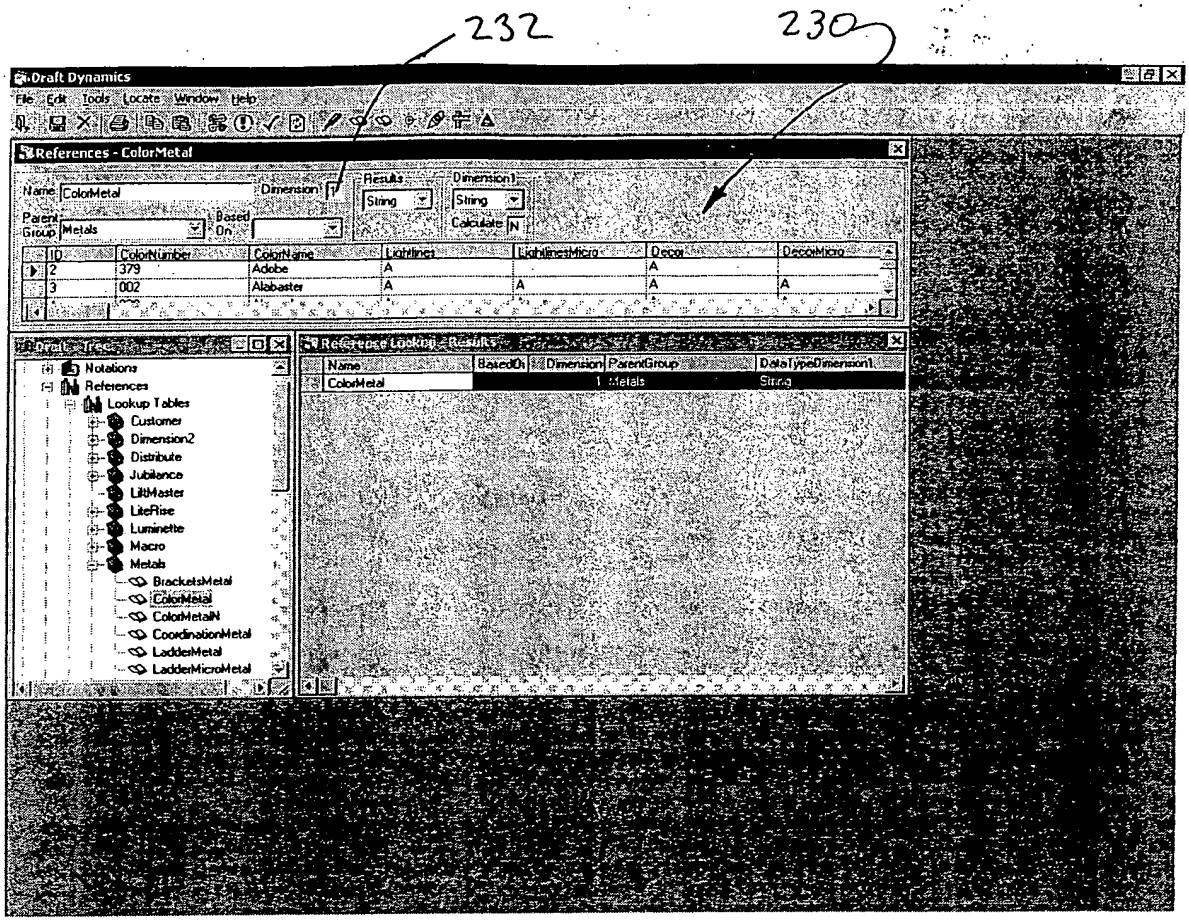

Fig. 12

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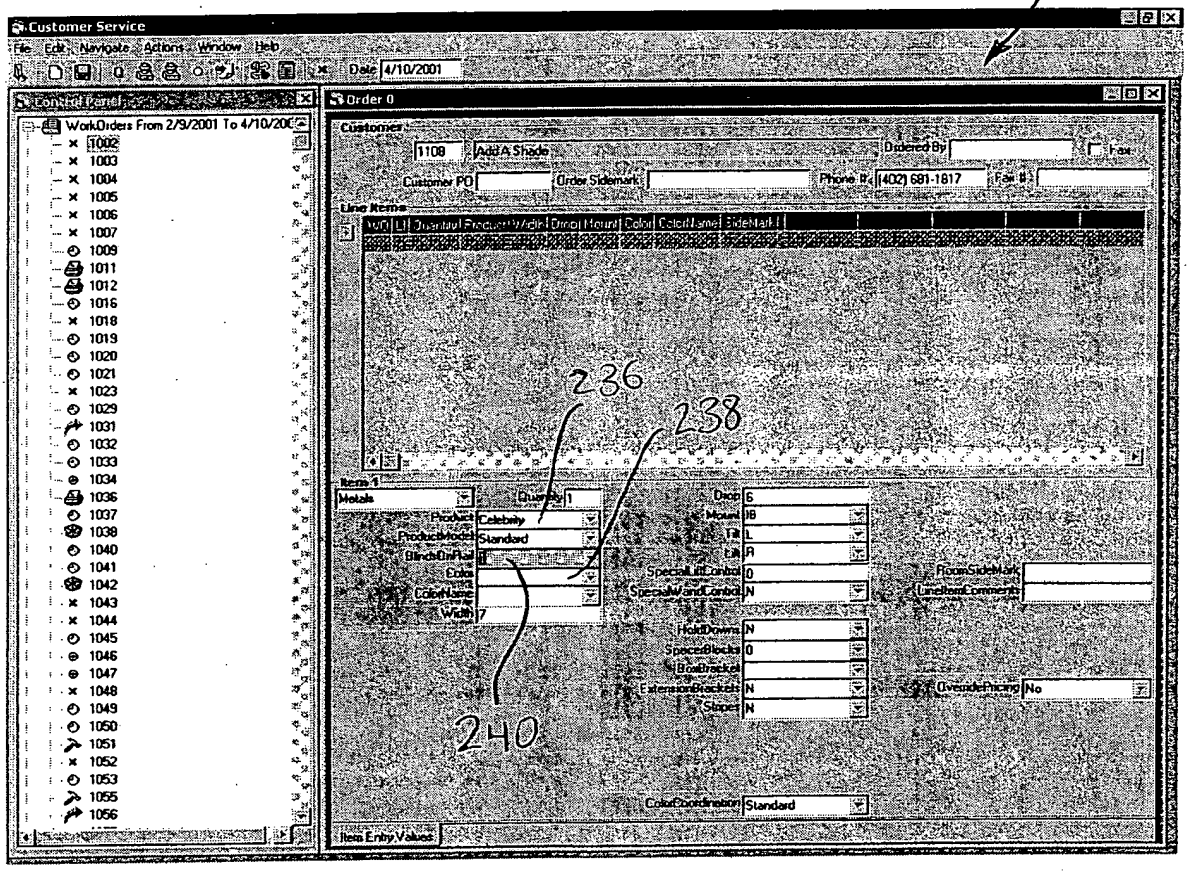
234
Customer Service
File Edit Navigate Actions Window Help
Date 4/10/2001
Control Panel
WorkOrders From 2/9/2001 To 4/10/200
1002
1003
1004
1005
1006
1007
1009
1011
1012
1016
1018
1019
1020
1021
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1056
Order 0
Customer
1109
Add A Shade
Ordered By
Customer PO
Order Sidemark
Phone #: (402) 681-1817
Fax #:
Line Items
Item 1
Metals
Qty
1
Product
Celebrity
ProductModel
Standard
Color
ColorName
Width
7
Drop
6
Mount
IB
Tilt
L
Lift
R
SpecialLiftControl
0
SpecialWandControl
N
RoomSideMark
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HoldDowns
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SpaceBlocks
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Stops
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OverridePricing
No
ColorCoordination
Standard
Item Entry Values
236
238
240

Fig 13A

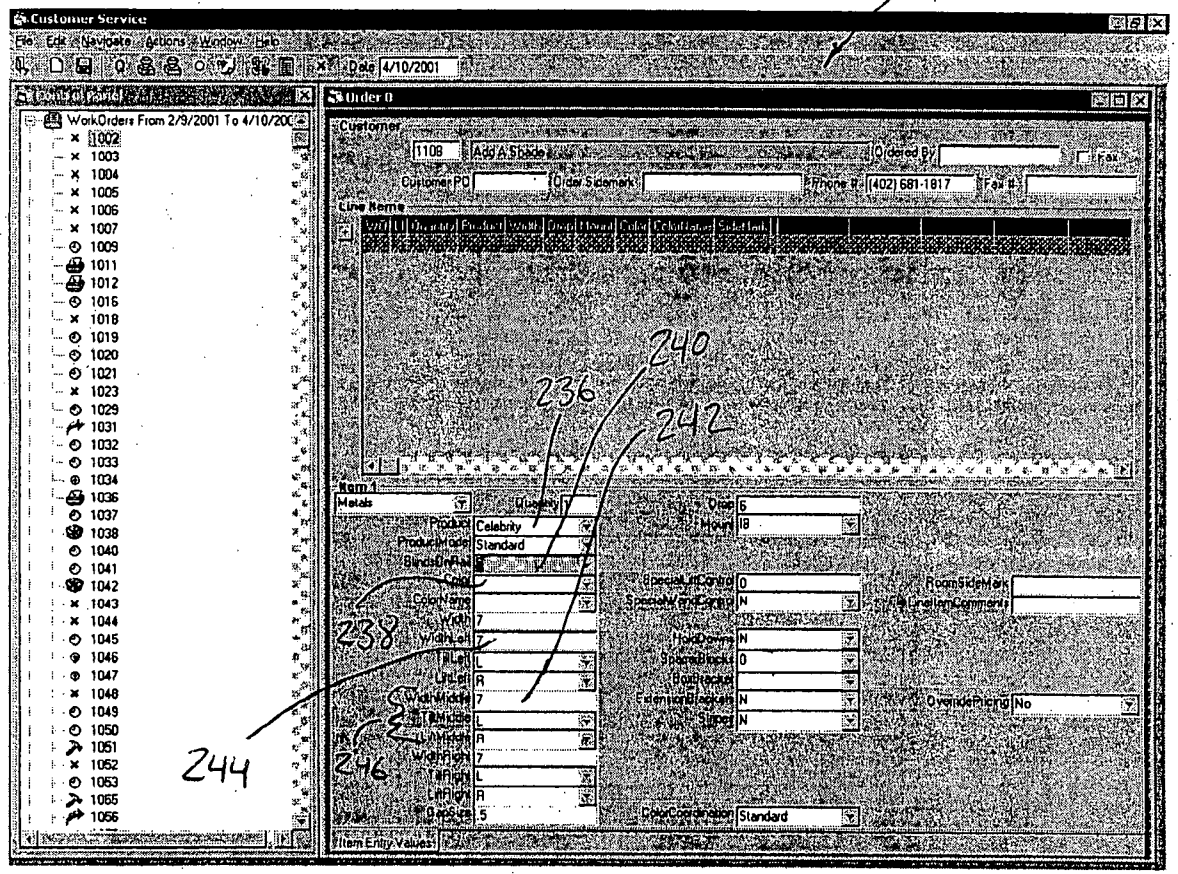
234
Customer Service
File Edit Navigate Actions Window Help
Date 4/10/2001
WorkOrders From 2/9/2001 To 4/10/20
Order 0
Customer
Line Items
Item 1
Metals
Quantity
Product
Celebrity
Standard
Color
Width
Width Left
Left
Under
Wall Middle
Middle
Width Right
Right
Drop
Hook
Special Lift Control
Special Wand Control
Hook Down
Spring Blocks
Roll Backet
Fashion Blocker
Super
Override Pricing
No
Room Side Mark
Line Item Comments
Color Condensation
Standard
Item Entry Values
240
236
242
238
244
246

Fig. 13B

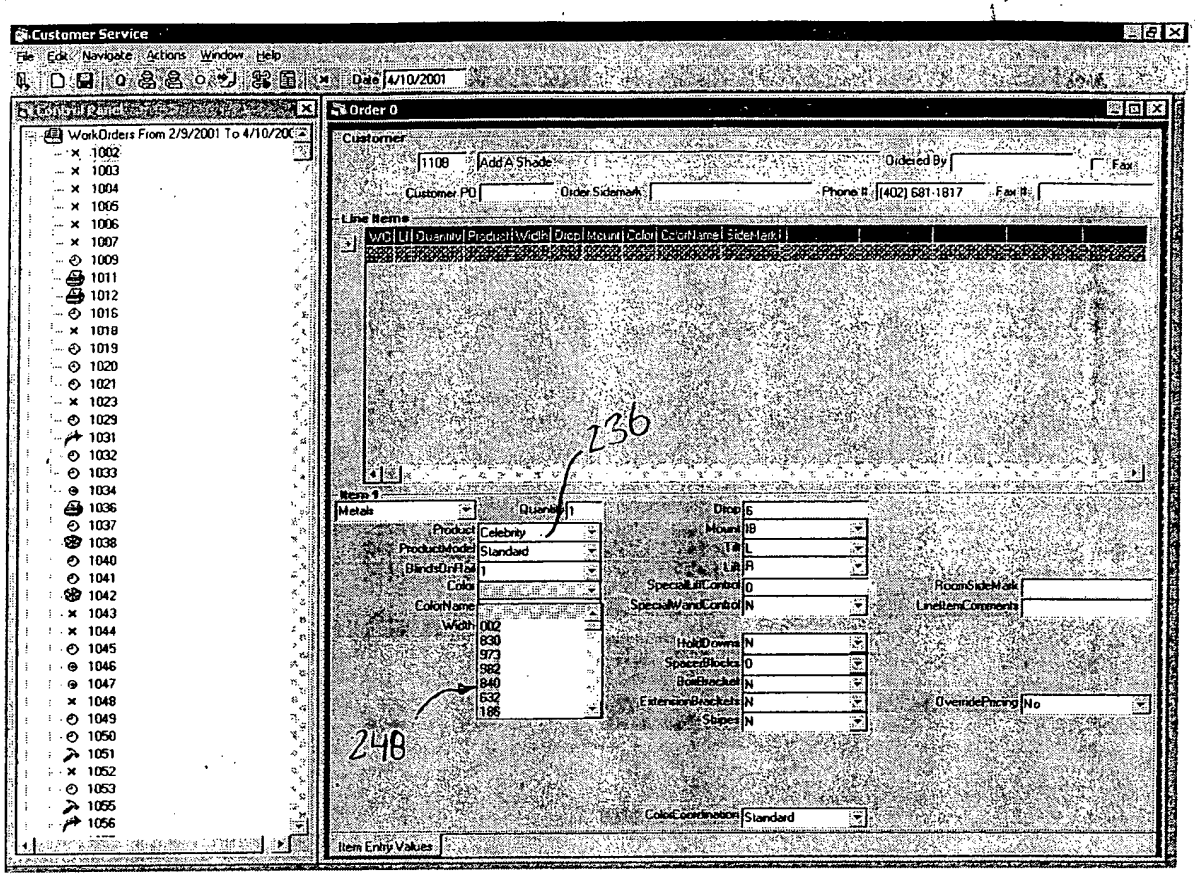

Fig. 14A

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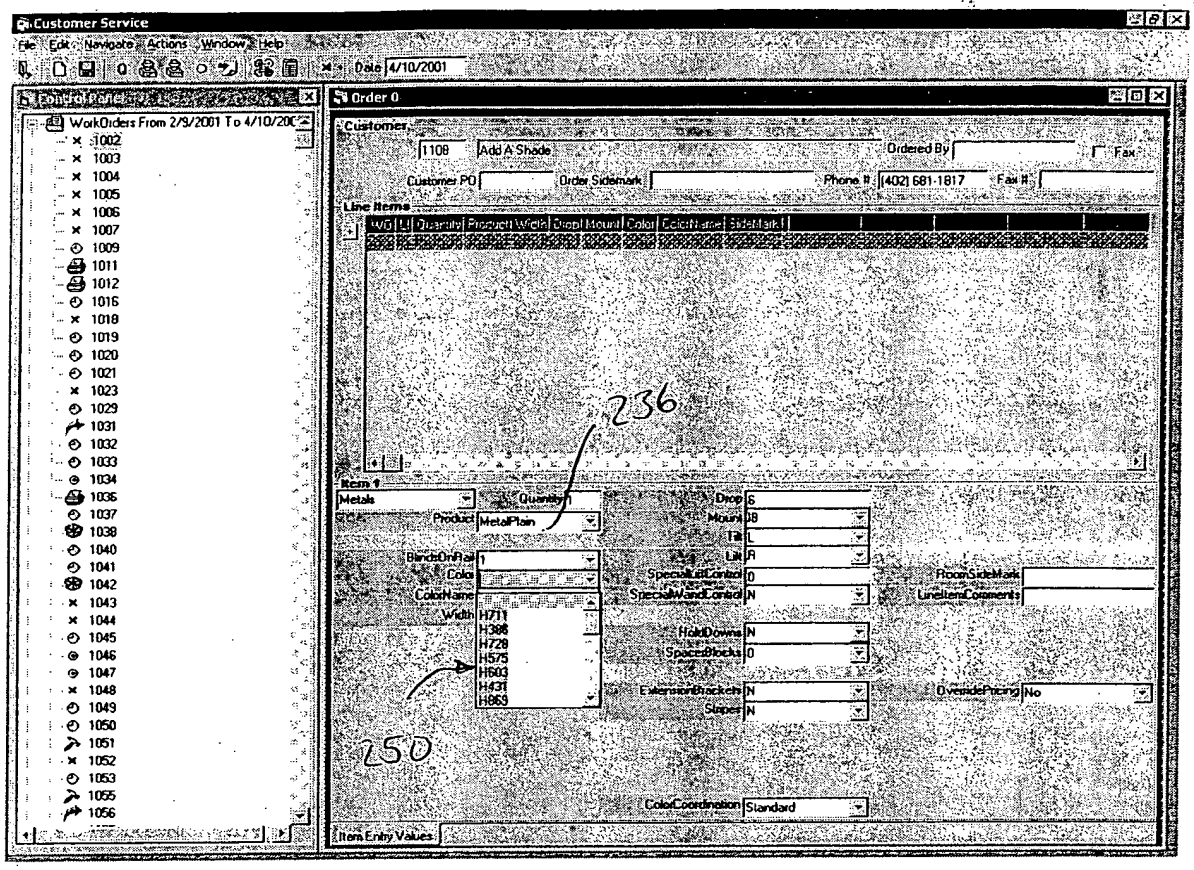

Fig. 14B

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